



$$c = \frac{(G2 - G1) (l_1) (l_2)}{(100) (2L)} , \text{ where } G1 \text{ \& } G2 \text{ are in } \% \\ l_1, l_2 \text{ \& } L \text{ are in feet} \\ c \text{ is in feet}$$

$$\text{Correction at points on curve, } e_1 = \left[ \frac{x_1}{l_1} \right]^2 c \text{ , } e_2 = \left[ \frac{x_2}{l_2} \right]^2 c$$

$$\text{Distance to Low (or High) point} = \frac{(G1) (L)}{(G1 - G2)} \left[ \frac{l_1}{l_2} \right] \left[ \frac{1}{100} \right] , \text{ If Occurring on Left Side}$$

$$\text{Distance to Low (or High) point} = \frac{(G2) (L)}{(G2 - G1)} \left[ \frac{l_2}{l_1} \right] \left[ \frac{1}{100} \right] , \text{ If Occurring on Right Side}$$

Figure 4-12: Eccentric Vertical Curve Properties